

**MOTION BY SUPERVISORS MARK RIDLEY-THOMAS AND SEPTEMBER 20, 2016
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Linking Public Safety Data to the Countywide Master Data Management System

The Los Angeles County (County) Board of Supervisors (Board) is driving transformative change across four declared priorities: criminal justice, child protection, health integration and homelessness. The Board must ensure its data systems support its efforts to improve and integrate services, identify trends and better serve its residents. The Board now has the opportunity to better link its public safety data with its health, mental health and children's data at minimal cost.

To achieve favorable outcomes in the criminal justice system, the County must build automated information exchange platforms so that all public safety entities can share the information they use to make critical decisions. On October 29, 1996, the Board recognized the need for implementing such platforms and requested the Sheriff, the Director of the Information Systems Advisory Body (ISAB), the Chief Probation Officer and the Courts to implement the Consolidated Criminal History Reporting System (CCHRS) for use by all criminal justice departments.

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CCHRS is a data warehouse which receives data from multiple criminal justice systems via a message broker application called PIX. The current systems delivering data to CCHRS include the Los Angeles Superior Court Adult Trial Court Information System (TCIS), Juvenile Automated Index, Automated Jail Information System, Prosecutor Information Management System and State of California Adult Criminal History System. CCHRS provides criminal history records for defendants processed within the County's justice system. The application handles approximately 180,000 subject query transactions per month and prints 105,000 Record of Arrest and Prosecution sheet reports per month. In an effort to include more relevant data in CCHRS, ISAB is currently coordinating with the Sheriff's Department to include custody housing data into CCHRS. This enhancement will enable more advanced analytics on jail operations and data-driven support for programs that track jail days and custody movement.

In May 2013, the Countywide Criminal Justice Coordination Committee endorsed the development and implementation of the Justice Automated Information Management System, using AB 109 funding, to provide justice data aggregation and analysis through the collection of key operational data from multiple data sources including CCHRS, Probation Department Adult Probation System and TCIS. By linking these records in an automated fashion and anonymizing data, the impact to a number of criminal justice services and programs can be measured on a real-time basis.

On July 7, 2015, the Board approved the first phase of the Countywide Master Data Management (CWMDM) system implementation at the Department of Mental Health (DMH)

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and Department of Children and Family Services (DCFS). CWMDM is a shared infrastructure to improve client identity management across all County service domains and provides a single view of the client. CWMDM builds a common platform so that County departments can develop a Master Person Index (dMPI) system, thereby enabling the County's health, social services and public safety departments to share client data using a common registry of identity records.

Earlier implementation of dMPI by the Department of Health Services (DHS) was tremendously successful and resulted in a major elimination of duplicate and incomplete records. DHS reduced its total records by nearly 60%; its patient records went from 8 million to 3.5 million "golden" patient records, making it the first among departments ready to interface with the main CWMDM system. After CWMDM's first phase is complete, 2.5 million records from DCFS and 1.5 million DMH records (in addition to the 3.5 million DHS records) will all be connected with the Countywide master data management system to create a single view of a "golden" record across these departments.

With this exciting and much anticipated milestone approaching, it is imperative to expedite the inclusion of public safety data to also interface with the health, mental health and social services data. Sharing quality, complete and non-duplicative records in real-time would enable users, including district attorney and public defender staff and judicial officers in their respective courts, to make more informed decisions on diverting those who are mentally ill. This approach would also assist child-serving agencies like DCFS to make more informed decisions that promote child safety.

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WE THEREFORE MOVE THAT THE BOARD OF SUPERVISORS: Direct the Director of Information Systems Advisory Body (ISAB), in coordination with the Chief Information Officer, to report back in writing in 30 days to the Board of Supervisors on the feasibility, including cost and legal, policy and program requirements, as well as potential funding sources, to develop an ISAB Master Person Index system to connect ISAB's Consolidated Criminal History Reporting System to the Countywide Master Data Management (CWMDM) system for improving identity resolution. The report should also include an evaluation of the benefits and the drawbacks of the inclusion of the Justice Automated Information Management System to interface with the CWMDM system.

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